

To the problem of formation a barrier-free architecture

I. V. Dreval, K. A. Prykhodko, A. C. Zhvetkova, *Kharkov National Academy of Municipal Economy*

There is "a questions that have no boundaries" among the urgent problem of the architectural environment of cross-border territories. The issue was the necessity to create barrier-free built environment for the comfort of everyone's life, especially for people with disabilities.

Back in 1975 the General Association of the United Nations adopted a declaration that determines that "People with special needs whatever the origin, nature and seriousness of their handicaps and disabilities have the same basic rights in the using of urban space and in the residence with their family and in participating in public life as their fellow citizens". In today's world the architect must design focusing on the person as a consumer of architecture, on his spiritual needs and physical abilities and then on the inside and professional values.

Over the last five years the population of Ukraine decreased by 2%, while the number of persons with disabilities increased by 5.5% and was 2.6 million (with a population of 46 million people).

At present in Ukraine and in particularities city of Kharkov began to pay more attention to barrier-free built environment although there is still the majority of architectural structures not designed for using by people with limited mobility, examples of which can be met more than once.

There is an urgent need to create supportive environment in which people with various forms of mobility restrictions can move freely and safely and independently. It is necessary to eliminate the situation of constant overcoming of architectural barriers.

Psychological and medical studies say about the possibility of the most complete rehabilitation person with limited mobility only with his integration into the living environment of healthy people. People with special needs should be full participants in society. There is a necessity to create such spaces so that citizens of all categories can spend time together. For example the stairs should be equipped with ramps and railings, the places of crossing the road and others accesses to certain facilities should be lifted of curbs for easy movement around the city.

In this case the using of architectural techniques can bring to society than every man is a full-fledged part of it regardless of the unphysical capabilities.

Particular attention should be paid to the following institutional aspects of reconstruction of the urban environment:

- creating a database of construction organizations with a state license and establishing contractual relationships with them in the technical renovation of the approved projects;
- to provide assistance to owners of sites that require reconstruction for reducing the expenditure side of the program, to create technical documentation of standard designs, databases, project offices and organizations;

- initiation of the establishment of project offices whose goal into minimize the cost of the reconstruction project;
- initiation of the program to simplified and possible you seethe regular system of approval and issuance of permits for this category of projects;
- Negotiate and conclude apart nershipagreement with construction companies who have the right to engage in such activity about the more favorable terms to projects associated with the organization of accessibility.

During the formation of barrier-free environment is important and relevant learning pertinence of all countries. Thus, the mobilization of the architects of different cities will solve the problem of formation of functionally efficient and aesthetically valuable environment.